

03/10/2002 16:42 70338550
08/28/2002 17:17 7033855080

KEATING & BENNETT
KEATING & BENNETT

PAGE 02/04
PAGE 03/04

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0036
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/583,171
Filing Date	May 30, 2000
First Named Inventor	Teruhisa TSURU
Group Art Unit	2817
Examiner Name	K. Glenn
Attorney Docket Number	36858.917

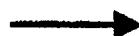
I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A Power of Attorney or Authorization of Agent is submitted herewith.

OR

Please change the correspondence address for the above-identified application to:

Customer Number



Place Customer Number Bar Code Label here

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City			
Country	State	ZIP	
Telephone	Fax		

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE OF Applicant or Assignee of Record

Name	Mr. Kunisaburo Tomono
Signature	
Date	Aug. 29, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

*Total of _____ forms are submitted

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

09/10/2002 16:42 70338550
08/28/2002 17:17 7033855080

KEATING & BENNETT
KEATING & BENNETT

PAGE 03/04
PAGE 02/04

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0851-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/583,171
Filing Date	May 30, 2000
First Named Inventor	Teruhisa TSURU
Title	Delay Line
Group Art Unit	2817
Examiner Name	K. Glenn
Attorney Docket Number	36856.917

I hereby appoint:

Practitioners at Customer Number

Place Customer
Number Bar Code
Label here

OR

Practitioner named below:

Name	Registration Number
Joseph R. Keating	37,368
Christopher A. Bennett	46,710

As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

Practitioners at Customer Number

Place Customer
Number Bar Code
Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Keating & Bennett, LLP				
Address	10400 Eaton Place				
Address	Suite 312				
City	Fairfax	State	VA	ZIP	22030
Country	USA				
Telephone	(703) 385-5200		Fax	(703) 385-5080	

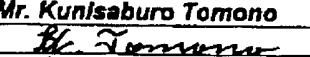
I am the:

Applicant/inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE OF Applicant or Assignee of Record

Name	Mr. Kunisaburo Tomono
Signature	
Date	Aug. 29, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

*Total of _____ forms are submitted

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/96(08-00)

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Toshihisa TSURU et al.

Application No./Patent No.: 09/583,171 Filed/Issue Date: May 30, 2000

Entitled: DELAY LINE

Murata Manufacturing Co., Ltd., a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010834, Frame 0497, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

- Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Aug. 24, 2002
Date

Mr. Kunisaburo Tomono
Typed or printed name

K. Tomono
Signature

General Manager of Intellectual Property
Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.